

## EUCERK HE - EUCERK HE-JR

### SUSPENDED GAS RADIANT STRIP HEATING SYSTEMS

#### SINGLE BURNER GAS-FIRED OVERHEAD RADIANT STRIP HEATER FOR NON-DOMESTIC USE

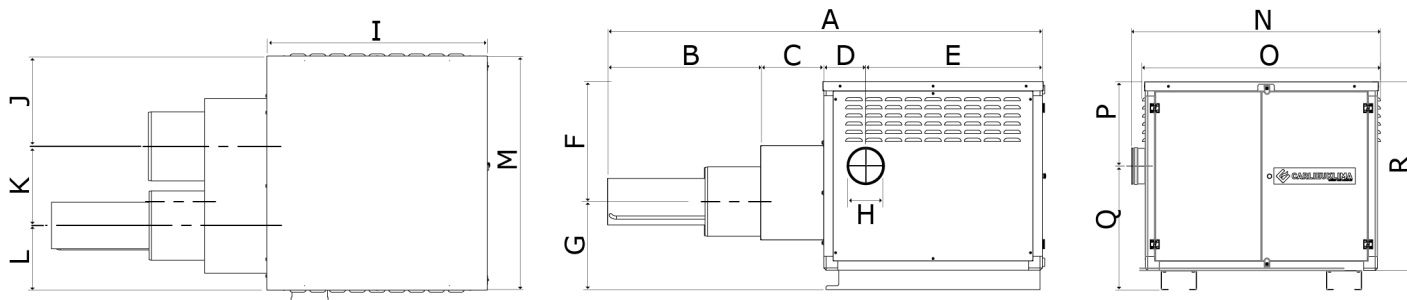
TECHNICAL DATA	EUCERK HE	EUCERK HE-JR
Nominal heat output [kW]	275.8	114.4
Heat input [kW]	290.0	120.0
Thermal efficiency NCV 100% [%]	92.9%	93.1%
Thermal efficiency NCV 50% [%]	95.5%	95.4%
Envelope loss factor [%]	2.2%	2.2%
Exhaust gas – thermal loss @ burner ON [%]	4.9%	4.7%
Exhaust gas – thermal loss @ burner OFF [%]	<0.1%	<0.1%
Useful efficiency NCV 100% [%]	<b>95.1%</b>	<b>95.3%</b>
Useful efficiency NCV 50% [%]	<b>96.6%</b>	<b>96.5%</b>
Seasonal space heating energy efficiency (outdoor installation) [%]	87.5%	86.1%
Exhaust gas temperature @ 100% [°C] (*)	120 ÷ 170	110 ÷ 140
Exhaust gas temperature @ 50% [°C] (*)	70 ÷ 120	60 ÷ 100
Fuel gas - compatibility	G20 - G25 - G31	
Emission system	Radiant strip	
Power supply [V/Hz/-]	400 / 50 / 3F+N	
Installed electric power [kW]	2.6	1.0
Input current [A] @ 400 V / 50 Hz	6.2	3.2
Burner Fan - electric input power @ 100% [W]	360	200
Burner Fan - electric input power @ 50% [W]	110	70
Recirculation Fan - electric input power @ 100% [W]	2.200	750
Recirculation Fan - electric input power @ 50% [W]	680	290
Auxiliary electricity consumption @ standby mode [W]	10	10
Inverter	YES	
Evacuation of the combustion products – Type of installation	B22 ; B52	
Category	II <sub>2H3P</sub>	
Regulation mode	Modulating	
Burner type	Mixing premix blown	
Exhaust gas - available pressure [Pa]	50	10
Exhaust gas – duct max. length [m] (**)	5	8
Flue gas connection [mm]	150	120
Gas supply connection [BSP]	1" ¼	½"
Nitrogen oxides emissions [mg/kWh]	27	29
Unit weight [kg]	195	130
Frame weight [kg]	29	20
Noise level [dB(A)]	90	86
Supply pressure G20 min / max [mbar]	20 / 100	20 / 50
Supply pressure G31 min / max [mbar]	37 / 100	37 / 50
Radiant modules compatibility	M8Ø3 M12Ø3	M8Ø2 M8Ø3

Reference fuel gas: G20

(\*) Variable in relation to the type of module and the radiant line configuration

(\*\*) Each 90° elbow corresponds to 1.5 m length of linear duct

## MAIN DIMENSIONS OF THE UNIT (mm)



EUCERK HE		EUCERK HE-JR	
1863	A	1383	
661	B	286	
272	C	272	
180	D	150	
760	E	660	
516	F	374	
378	G	297	
150	H	120	
955	I	826	
385	J	240	
340	K	320	
275	L	241	
1000	M	800	
1070	N	867	
1023	O	824	
363	P	311	
531	Q	360	
811	R	591	

### Evacuation ducts for combustion products

Single-wall stainless steel smoke evacuation system complying with the GASTEC QA-it test requirements No. SF-5. Each unit is equipped with a smoke evacuation duct, sized for the maximum specified length.

**Constant developments to improve our products may cause, without notification, changes to contents and descriptions herein.**